PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) Application Elements Be MPEP chapter 600 concerning utility patent application contents. Attorney Docket No. First Inventor Huang, Xianhua CAM (EUS for high Speed and low power content a ddress able (CAM) and Ternary content address able (CAM) Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 CTCAM)

See MPEP chapter 600 concerning utility patent application contents.	P.O. Box 1450 Alexandria VA 22313-1450
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 30] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 26] 5. Oath or Declaration [Total Sheets 1] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Monpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:
Prior application information: Exeminer	7 CFR 1.76: ation-in-part (CIP) of prior application No.:
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the 5b, is considered a part of the disclosure of the accompanying continuation. The incorporation can only be relied upon when a portion has been inadve	
19. CORRESPON	DENCE ADDRESS
Customer Number:	OR Correspondence address below
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Name (Print/Type) XiQohua Huang	Registration No. (Attorney/Agent)
Signature	Date 09/22/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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un assigned

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Application Number

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

X Applicant claims small entity status. See 37 CFR 1.27 (\$) 375,00 **TOTAL AMOUNT OF PAYMENT**

I liftig Date	7/24/2000	
First Named Inventor	Huana, xiaohua	
Examiner Name	J	
Art Unit		
Attornov Dockst No.		

Complete if Known

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)
Check Credit card Money Other None	3. ADDITIONAL FEES
Deposit Account:	Large Entity Small Entity
Deposit	Fee Fee Fee Fee Description Code (\$) Fee Paid
Account Number	Code (\$) Code (\$) Fee Paid 1051 130 2051 65 Surcharge - late filing fee or oath
Deposit	1052 50 2052 25 Surcharge - late provisional filling fee or
Account Name	cover sheet
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination 1804 920* 1804 920* Requesting publication of SIR prior to
Charge any additional fee(s) during the pendency of this application	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month
1. BASIC FILING FEE	1252 410 2252 205 Extension for reply within second month
Large Entity Small Entity	1253 930 2253 465 Extension for reply within third month
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,450 2254 725 Extension for reply within fourth month
1001 750 2001 375 Utility filing fee 375.0P	1255 1,970 2255 985 Extension for reply within fifth month
1002 330 2002 165 Design filing fee	1401 320 2401 160 Notice of Appeal
1003 520 2003 260 Plant filing fee	1402 320 2402 160 Filing a brief in support of an appeal
1004 750 2004 375 Reissue filing fee	1403 280 2403 140 Request for oral hearing
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding
SUBTOTAL (1) (\$)375,00	1452 110 2452 55 Petition to revive - unavoidable
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,300 2453 650 Petition to revive - unintentional
Fee from	1501 1,500 2501 650 Utility Issue fee (of reissue)
Extra Claims below Fee Paid Total Claims X X	Total Lot Bedgiriose ice
Independent 2***	1503 630 2503 315 Plant issue fee
Claims Multiple Dependent	1460 130 1460 130 Petitions to the Commissioner
	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Strnt
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021 40 8021 40 Recording each patent assignment per property (times number of properties)
1201 84 2201 42 Independent claims in excess of 3	1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))
1203 280 2203 140 Multiple dependent claim, if not paid	1810 750 2810 375 For each additional invention to be
1204 84 2204 42 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b)) 1801 750 2801 375 Request for Continued Examination (RCF)
1205 18 2205 9 ** Reissue daims in excess of 20	1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination
and over original patent	of a design application
SUBTOTAL (2) (\$) O	Other fee (specify)
**or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)
SUBMITTED BY	(Complete (if applicable))

Registration No. (Attorney/Agent) Name (Print/Type) Xiaohua Telephone 408 396 8285 Signature

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